10/529692
JC17 Rec'd PCT/PTO 29 MAR 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

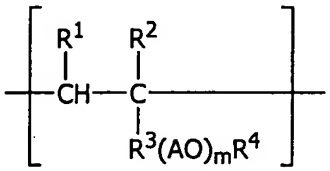
Listing of Claims:

1. (Original) A phospholipid derivative, which is a phospholipid and is a copolymer containing, as essential component units,

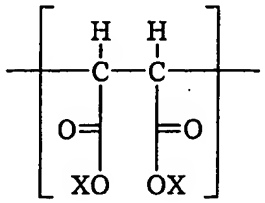
(A) a component unit A represented by the following formula (1),

(B) a component unit B represented by the following formula (2A) and/or the following formula (2B), and

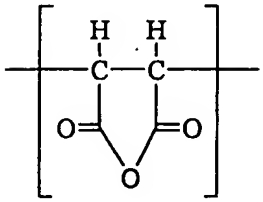
(C) a component unit C represented by the following formula (3):



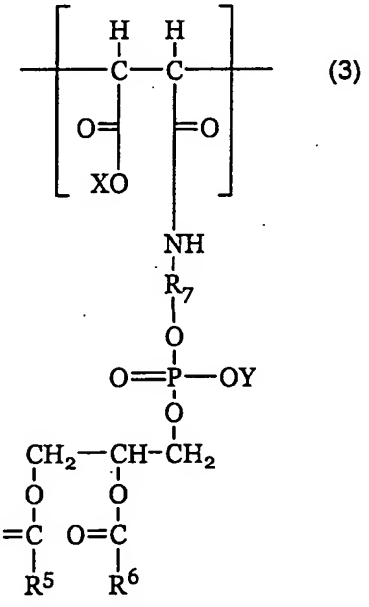
(1)



(2A)



(2B)



(3)

wherein, in the formula (1), R^1 and R^2 independently represent hydrogen atom or methyl group, provided that R^1 and R^2 do not simultaneously represent methyl group; R^3 represents a divalent hydrocarbon group having 1 to 3 carbon atoms; AO independently represents an oxyalkylene group having 2 to 4 carbon atoms; m represents an average molar number of the added oxyalkylene groups and is a number in the range represented as $4 \leqq m \leqq 100$; and R^4 represents hydrogen atom, a hydrocarbon group having 1 to 20 carbon atoms or an acyl group having 1 to 20 carbon atoms; in the formula (2A), X independently represents hydrogen atom, an alkali metal atom, ammonium or an organic ammonium; and in the formula (3), R^5CO and R^6Co independently represent an acyl group having 8 to 24 carbon atoms; R^7 represents a divalent hydrogen group having 2 to 4 carbon atoms; X represents hydrogen atom, an alkali metal atom, ammonium or an organic ammonium, and Y represents hydrogen atom, an alkli metal atom ammonium or an organic ammonium, wherein a molar ratio of the component unit A relative to a total of the component unit B and the component unit C is from 7/3 to 3/7, and the component unit C is contained at a ratio of from 1 to 5 moles per 1 mole of the copolymer.

2. (Original) The phospholipid derivative according to claim 1, wherein the total number of the component unit(s) A, the component unit(s) B, and the component unit(s) C contained in the copolymer is 3 or more and 150 or less.

3. (Original) The phospholipid derivative according to claim 1, wherein the total number of the component unit(s) A, the component unit(s) B, and the component unit(s) C contained in the copolymer is 5 or more and 50 or less.

4. (Currently Amended) The phospholipid derivative according to claim 1 ~~any one of claims 1 to 3~~, wherein R^1 is hydrogen atom, R^2 is hydrogen atom or methyl group, and R^3 is methylene group.

5. (Currently Amended) The phospholipid derivative according to claim 1 ~~any one of claims 1 to 4~~, wherein R^7 is ethylene group.

6 (Currently Amended) A surfactant comprising the phospholipid derivative according to claim 1 ~~any one of claims 1 to 5~~.

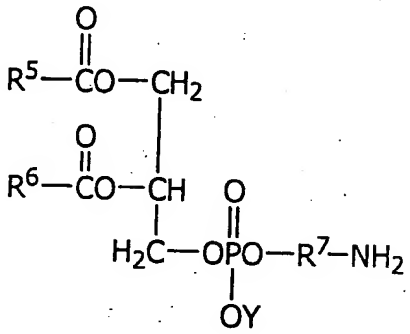
7. (Currently Amended) A lipid membrane structure comprising the phospholipid derivative according to claim 1 ~~any one of claims 1 to 5~~.

8. (Original) The lipid membrane structure according to claim 7, which is a liposome.

9. (Currently Amended) A pharmaceutical composition containing the lipid membrane structure according to claim 7 ~~or 8~~ retaining a medicament.

10. (Original) The pharmaceutical composition according to claim 9, wherein the medicament is an antitumor agent.

11. (Currently Amended) A method for producing the phospholipid derivative according to claim 1 ~~any one of claims 1 to 5~~, which comprises the step of reacting a copolymer containing the component unit A and the component unit B at a molar ratio of from 7/3 to 3/7 with a compound represented by the following formula (4):



(4)

wherein R^5CO, R^6CO, R^7, and Y have the same meanings as defined above.